

DSM Akulon® F249-HG4 Nylon 6-20% Glass Reinforced (European Grade) (Cond)

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , 20% Glass Fiber Filled

Material Notes:

The Akulon® product portfolio is engineered for optimum performance to suit different processing techniques and end use markets. Akulon Nylon 6 is used for extrusion applications including barrier film, stock shapes, convoluted tubes, and monofilament. Akulon XP is a high-productivity, high-performance PA6 grade for film extrusion processes. Medium viscosity, unreinforced or reinforced Akulon grades are used for various injection molding and blow molding applications. Akulon® Ultraflow® is a high-productivity, high-performance PA6 family for molding processes. Key applications for Akulon: Automotive: Intake manifold, Engine, Powertrain, Airbag containers, Exterior trim, Interior trim, Electrical components and connectors Consumer durables: Power tools, Lawn and garden tools, Small appliances, Sports and leisure equipment, Furniture, Industrial Goods, Transportation E&E: Low voltage switch gear/power distribution, Lighting, Power connectors Film: Specialty and barrier films Information provided by DSM.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DSM-Akulon-F249-HG4-Nylon-6-20-Glass-Reinforced-European-Grade-Cond.php

Physical Properties	Metric	English	Comments
Density	1.27 g/cc	0.0459 lb/in ³	(DAM); ISO 1183
Water Absorption	8.0 %	8.0 %	DAM; Sim. to ISO 62
Moisture Absorption at Equilibrium	2.4 %	2.4 %	Humidity Absorption (DAM); Sim. to ISO 62

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °F	10°C/min (DAM); ISO 11357-1/-3

Descriptive Properties	Value	Comments
Blow Molding	Yes	
Heat stabilized or stable to heat	Yes	
With Fillers	Yes	

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